WHAT IS CLAIMED IS:

1.   A level-adjusting apparatus for an attachment device, comprising

a support member attached to a sub frame that is movable horizontally;

a cylinder assembly mounted on one side of the support member having a

suction cup on its lower end;

a flexible screw shaft passing through the cylinder assembly so as to be

connected to the suction cup; and

an actuator driving the flexible screw so as to adjust the vertical position of

the suction cup connected to the flexible screw shaft.

2.   The apparatus of claim 1, wherein the support member is provided with a

guiding pipe thereon so that the flexible screw shaft is guided.

3.   The apparatus of claim 2, wherein the end of the guiding pipe is configured

to be curved to 90 degrees with respect to the suction cup end of the screw shaft so as

to prevent it from interfering with the sub frame.

4.   The apparatus of claim 1, wherein the cylinder assembly comprises a

plurality of nesting cylinders that are provided with upper stoppers protruding

outward of the cylinders and lower stoppers protruding inward of the cylinders, and a

cylinder with a smaller diameter snugly fits into a cylinder with a larger diameter.

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5.   An apparatus of claim 1, wherein the actuator is a motor.

6.   An apparatus of claim 4, wherein the actuator is a motor.

5   7.   An apparatus of claim 5, further comprising:

a power transfer element interposed between the motor and the screw shaft,

wherein the power transfer element comprises a driving gear connected to

the output shaft of the motor, and a driven gear outwardly meshed with the driving

gear and inwardly meshed with the flexible screw shaft.

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8.   An apparatus of claim 6, further comprising:

a power transfer element interposed between the motor and the screw shaft,

wherein the power transfer element comprises a driving gear connected to

the output shaft of the motor; and a driven gear outwardly meshed with the driving

15   gear and inwardly meshed with the flexible screw shaft.